

**DETAILED ACTION**

1. This office action is a supplemental notice of allowance to correct the dependency of claims 18 and 22. Claims 18 and 22 depend on claims 17 and 21 that were cancelled by examiner's amendment in the office action mailed January 18, 2008.

**EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dr. Deborah L. Cadena on February 11, 2008.

Examiner's amendment to the claims:

18. (Currently Amended) The isolated theta defensin of claim ~~47~~ 16, wherein a disulfide bond is formed between:

Cys at position 3 and Cys at position 16;

Cys at position 5 and Cys at position 14; and

Cys at position 7 and Cys at position 12.

22. (Currently Amended) The isolated theta defensin of claim ~~24~~ 20, wherein a disulfide bond is formed between:

Cys at position 3 and Cys at position 16;

Cys at position 5 and Cys at position 14; and

Cys at position 7 and Cys at position 12.

*Allowable Subject Matter*

3. Claims 15, 16, 18-20, 22, 33-35, 51-67, 84-103, 106, and 109 are still allowed. This office action is a supplemental notice of allowance to correct the dependency of claims 18 and 22.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANAND U. DESAI whose telephone number is (571)272-0947. The examiner can normally be reached on Monday - Friday 9:00 a.m. - 5:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Kathleen Kerr Bragdon can be reached on (517) 272-0931. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

February 12, 2008

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Primary Examiner, Art Unit 1652